

EXPERIMENTAL SPOT REQUEST PAGE

Brief Tutorial


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PAGE LINK: [HTTP://PREVIEW.WEATHER.GOV/SPOT](http://preview.weather.gov/spot)

- Still in “Experimental” phase
- Testing will go on through the end of the calendar year
- Please try out the page and submit any feedback using the link below
 - <http://www.nws.noaa.gov/survey/nws-survey.php?code=SPOTWEBPAGE>
- You can either use the page to submit an actual spot request, or send a “test” request to practice using it

SPOT HOME PAGE

**National Weather Service**
Experimental Spot Forecast Request

HomeNWS HomeNewsOrganization

Experimental

The Spot Forecast Request is an experimental product/service that will be posted to this page for evaluation until the end of the year. During this period, we encourage your comments or suggestions for improvements using the electronic survey provided. Your feedback will help us determine product/service utility, if modifications are needed, and whether the product/service should become part of our operational suite.

Spot Forecast Request

NOTICE - This interface is intended to be used solely for the relay of forecast information to the National Weather Service. Submissions sent through this online form are intended for internal agency use. We are required (by e-Gov Act of 2002) to explicitly state that submission of any information is voluntary. For further information please read our [Privacy Policy](#) and [Disclaimer](#). False statements on this form may be subject to prosecution under the False Statement Accountability Act of 1996 (18 U.S.C. § 1001) or other statutes.

Incident and Decision Support Forecast Request

This site is the National Weather Service interface to requesting, filling, and monitoring spot forecasts issued by our Forecast Offices and National Centers.

[Click here to provide 'Spot Webpage Testing Feedback'](#)

**Submit
Spot
Request**

Interactive Request:
Request a spot forecast using an interactive map, with or without a Lat/Lon of the incident.

**Monitor
Spot
Forecasts**

Monitor:
Use this to monitor existing spot requests and forecasts.

[Click here for support or feedback](#)
Please take the [online survey](#) to let us know what you think of this interface.
[Download the Product Description Document \(PDD\)](#)

Click "buttons" on the bottom to either submit a new request or go to the page with existing requests to modify your request or retrieve your forecast

FIRST PAGE OF REQUEST

Step 1: Establish incident location using A or B below.

A. Set request location using nearest street address.

Note 1: Valid entries are street address, zip code, city, state, or latitude & longitude.

Note 2: Latitude & Longitude will return the nearest street address. For exact latitude and longitude points use Step B entry below.

Note 3: City, State, and Zip Code will return a geographic centers.

Enter Location

PLOT ADDRESS

- OR -

B. Set request location using latitude & longitude, USNG, or drag the map pointer to spot location below.

Note 1: If the map below does not appear you may enter your decimal Lat/Lon below.

Note 2: To start over click the Reload button on your Web Browser.

Note 3: Latitude, Longitude information should be entered in WGS84/NAD83 coordinates in order to ensure accurate forecast locations.

Decimal Degree Latitude, Longitude

West Longitudes Are Negative

Example: 25.6319 -80.2025

34.1363, -116.8916

PLOT

United States National Grid (USNG)

Valid for points between 84N and 80S Latitude

Require 13 character grid - 10 meter precision

Example: 18SUJ23480647

11S NT 0999 7727

PLOT

Degree, Minute, Seconds

Can accept decimal minutes as an input

Example: 25 deg 19 min 23 sec W

34 deg 8 min 11 sec N
116 deg 53 min 30 sec W

PLOT

Elevation

Latitude & Longitude value used to determine elevation.

If elevation data is in error, changes can be made on the second page of this spot request.

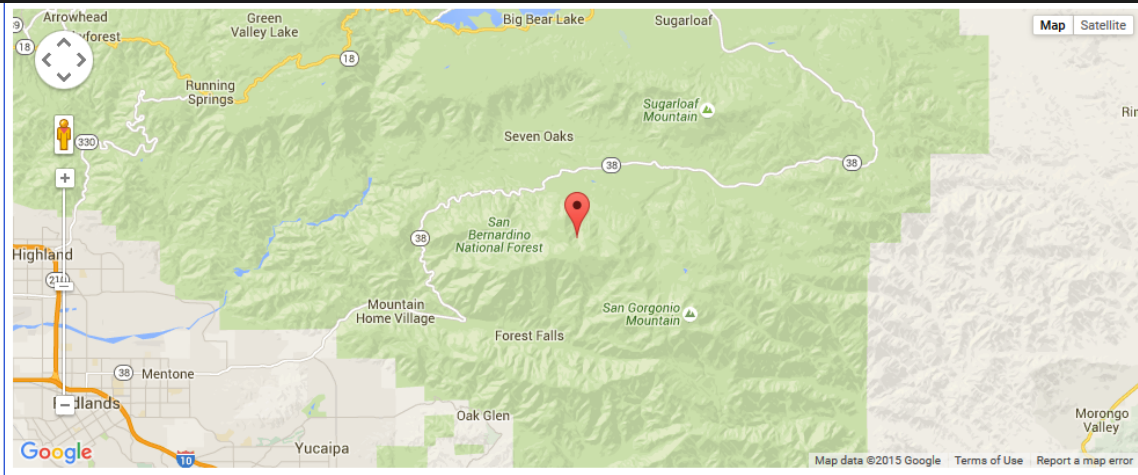
9100 FT



3 options to select a location:

- Enter a street address
- Enter lat/lon or USNG
- Move the marker on the map (click/hold and drag the marker to desired location). This will populate the lat/lon and USNG fields.

FIRST PAGE OF REQUEST



Step 2: Select the incident type for the request.

Set Incident Type

Fire

☒ Wildfire ☐ Prescribed Fire

Hazardous Materials

☐ HAZMAT Land ☐ HAZMAT Inland Waterway

Search and Rescue

☐ SAR Land ☐ SAR Water

☐ Marine

☐ Other (Volcano, Earthquake, Special Event)

☐ Check to send *TEST* message only

Check this box if you would like to practice using the new page without submitting a real spot request

Step 3: Proceed to detailed incident request form.

After setting your location and incident type above, click on the "Generate A Spot Request" button below to proceed to the SPOT request form.

Generate A Spot Request

Select Incident Type

NEW:

- Land vs Water HAZMAT and SAR!
- Marine
- Other

Click the "Generate A Spot Request" button to move onto the next page of options

SECOND PAGE OF REQUEST

Spot Forecast Incident Type: Wildfire

Spot Request Contact Information

(*) PROJECT NAME:

For NWS Spot forecast policy,
see section 4.0 in NWS Instruction 10-401 at:
<http://www.nws.noaa.gov/directives/010/010.htm>

(*) Requesting Agency:

(*) Requesting Official:

(*) E-mail address:

(*) Phone number:

Phone Extension:

Contact Person:

FAX number:

Location

(WGS84 / NAD83 preferred)

(*) Latitude: 34.1363

7.5' Quad:

(*) Longitude: -116.8916

TOP

BOTTOM

Elevation: 9100 Feet

(Elevation preferred in feet)

Fire Weather Supplemental Information

Drainage:

Size:

(In Acres)

Aspect:

Fuel Type:

Sheltering

☒ Full

☐ Partial

☐ Unsheltered

Fill in the fields as before. These will vary slightly depending on incident type (Wildfire was selected in this example)

SECOND PAGE OF REQUEST

Forecast Information

DELIVER FORECAST

Date : 10/28/2015

Time : As Soon As Possible

FORECAST STARTING

Date : 10/28/2015

Time : 06:00

TIMEZONE

(Local Time)

PACIFIC

Narrative

FORECAST FORMAT

1 Hr

1 Hr

1 Hr

Tabular Time
Table Interval

Today	Tonight	Thursday	Select All Periods
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sky/Weather <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Max/Min Temperature <input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Max/Min Humidity <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind (20 FT) <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chance of Wetting Rain <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lightning Activity Level <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind (Eye Level) <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ridge Top Winds <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mixing Height <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mixing Winds <input type="checkbox"/>

NOAA Hysplit Model

Would you like to include a run of the Hysplit Model with this request? If so please verify your email address above as this will be used to send you the hysplit model run.

- ☐ YES
☒ NO

Remarks

Select forecast elements, whether or not you'd like a Hysplit run (useful for smoke and HAZMAT situations), and enter any remarks/special instructions (e-mail or faxes required, etc)

SECOND PAGE OF REQUEST

Forecast Information

DELIVER FORECAST
Date : 10/28/2015
Time : As Soon As Possible

FORECAST STARTING
Date : 10/28/2015
Time : 06:00

TIMEZONE
(Local Time)
PACIFIC

Narrative

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1 Hr

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Today	Tonight	Thursday		Select All Periods
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind (20 FT)	<input type="checkbox"/>
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ridge Top Winds	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mixing Height	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mixing Winds	<input type="checkbox"/>

NOAA Hysplit Model
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☐ YES
☒ NO

Remarks

NEW

- Select what day/time you want your forecast completed by under the “Deliver Forecast” section (either ASAP or a specified time)
- Select the day/time you want the forecast to start (this was the only option in the old version)

SECOND PAGE OF REQUEST

Forecast Information

DELIVER FORECAST

Date : 10/28/2015

Time : As Soon As Possible

FORECAST STARTING

Date : 10/28/2015

Time : 06:00

TIMEZONE

(Local Time)

PACIFIC

Narrative

FORECAST FORMAT

1 Hr

1 Hr

1 Hr

Tabular Time
Table Interval

Today

Tonight

Thursday

Select
All
Periods

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Sky/Weather

Max/Min Temperature

Max/Min Humidity

Wind (20 FT)

Chance of Wetting

Rain

Lightning Activity

Level

Wind (Eye Level)

Ridge Top Winds

Mixing Height

Mixing Winds

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☐ YES

☒ NO

Remarks

Forecast Format:

Narrative (default)

Tabular (1, 2, or 3 hourly forecast only – not recommended)

Combined (narrative + tabular)

Tabular and Combined allows you to select 1, 2, or 3 hourly forecast increments for the first three periods (today, tonight, tomorrow) and 3 hourly for the 4th period (tomorrow night). The 4th period will only show up for forecasts beginning prior to 6 AM. *If you only want the hourly forecast for certain periods (for example: today only or today and tonight only) please specify in the remarks!!*

TIP: checking the top box under the forecast period will select all forecast elements for that time period. Checking the box to the right of a forecast element will select all periods for that element

SECOND PAGE OF REQUEST

Observations

(+) When submitting an observation, the yellow fields are required in addition to at least one weather element.

WX OB 1	WX OB 2	WX OB 3	WX OB 4	WX OB 5
<input type="checkbox"/> Remove Ob	<input type="checkbox"/> Remove Ob	<input type="checkbox"/> Remove Ob	<input type="checkbox"/> Remove Ob	<input type="checkbox"/> Remove Ob
(+)Site: <input type="text"/>	(+)Site: <input type="text"/>	(+)Site: <input type="text"/>	(+)Site: <input type="text"/>	(+)Site: <input type="text"/>
(+)Date: <input type="text"/>	(+)Date: <input type="text"/>	(+)Date: <input type="text"/>	(+)Date: <input type="text"/>	(+)Date: <input type="text"/>
(+)Time: <input type="text"/> (Local)	(+)Time: <input type="text"/> (Local)	(+)Time: <input type="text"/> (Local)	(+)Time: <input type="text"/> (Local)	(+)Time: <input type="text"/> (Local)
(+)Elev: <input type="text"/>	(+)Elev: <input type="text"/>	(+)Elev: <input type="text"/>	(+)Elev: <input type="text"/>	(+)Elev: <input type="text"/>
Wind Dir: <input type="text"/>	Wind Dir: <input type="text"/>	Wind Dir: <input type="text"/>	Wind Dir: <input type="text"/>	Wind Dir: <input type="text"/>
Wind Spd: <input type="text"/>	Wind Spd: <input type="text"/>	Wind Spd: <input type="text"/>	Wind Spd: <input type="text"/>	Wind Spd: <input type="text"/>
Temp: <input type="text"/>	Temp: <input type="text"/>	Temp: <input type="text"/>	Temp: <input type="text"/>	Temp: <input type="text"/>
WB: <input type="text"/>	WB: <input type="text"/>	WB: <input type="text"/>	WB: <input type="text"/>	WB: <input type="text"/>
RH: <input type="text"/>	RH: <input type="text"/>	RH: <input type="text"/>	RH: <input type="text"/>	RH: <input type="text"/>
Td: <input type="text"/>	Td: <input type="text"/>	Td: <input type="text"/>	Td: <input type="text"/>	Td: <input type="text"/>
Sky: <input type="text"/>	Sky: <input type="text"/>	Sky: <input type="text"/>	Sky: <input type="text"/>	Sky: <input type="text"/>
Wc: <input type="text"/>	Wc: <input type="text"/>	Wc: <input type="text"/>	Wc: <input type="text"/>	Wc: <input type="text"/>
Rmks: <input type="text"/>	Rmks: <input type="text"/>	Rmks: <input type="text"/>	Rmks: <input type="text"/>	Rmks: <input type="text"/>

Submit Spot Request


Clicking the button below will create a one time spot request.

This request will be processed and a forecast will be generated by the servicing forecast office at the time they receive the spot request.

At any time until the expiration of this forecast, another immediate spot request may be generated off of the original request. Additionally, the immediate spot request can be converted into a scheduled request by contacting your servicing forecast office .

Fill in any nearby obs if available
(this is very helpful for
forecasters!) and hit submit!

BACK TO THE SPOT HOME PAGE

**National Weather Service**
Experimental Spot Forecast Request

Home NWS Home News Organization

Experimental
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Lets look at the spot monitor page now!

SPOT MONITOR

NWS Spot Forecast Monitor



Submit New Spot Request

Calendar

Spot Monitor Legend

- W = Wildfire
- P = Prescribed
- H = Hazmat
- S = SAR
- M = Marine
- Completed
- Pending
- Question

Permalink for page bookmark

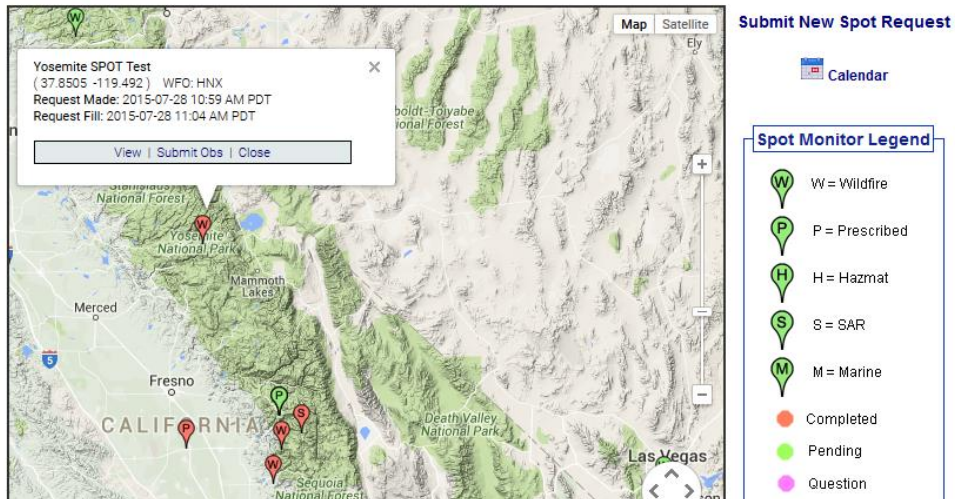
Active Spot Forecasts

Name	Type/Start Time	Status	WFO	Actions
Test Spot FWS	Prescribed 2015-10-26 4:00 PM CDT	Request pending	ABR	Submit Obs
TEST 1	Prescribed 2015-10-26 11:00 AM CDT	Completed: 2015-10-26 10:29 AM CDT	ABR	Submit Obs
Test_Fire_BOU Test	Wildfire	Request pending	BOU	Submit Obs
Final Test	Wildfire	Completed: 2015-09-10 7:25 PM MDT	CYS	Submit Obs
Cheyenne Test3	Wildfire	Completed: 2015-09-09 2:20 PM MDT	CYS	Submit Obs
Vandehi Fire	Prescribed 2014-07-01 8:00 AM MST	Request pending	CYS	Submit Obs
Test	Prescribed 2015-03-08 8:00 PM CDT	Request pending	DLH	Submit Obs
TEST TEST TEST	Prescribed 2015-10-21 7:00 PM CDT	Request pending	EAX	Submit Obs
NWS GJT test	Other	Request pending	EAX	Change Request Submit Obs
test	SAR	Request pending	EAX	Submit Obs
Preview Test	Wildfire	Request pending	EAX	Submit Obs
STO Product Test	Prescribed	Request pending	EAX	Submit Obs

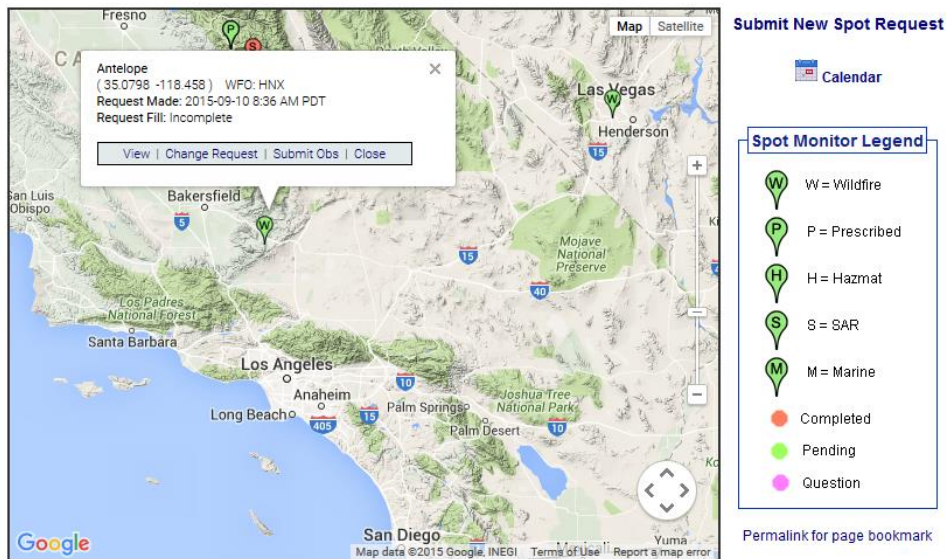
Defaults to a national map.
Zoom in to Southern CA to find
your request or select from the
list below.

SPOT MONITOR

NWS Spot Forecast Monitor



NWS Spot Forecast Monitor



Clicking on a map marker will open an info window where you can view the request/forecast, change the request (if spot is pending), and submit obs

These options are also available in the table below the map

SPOT MONITOR

Yosemite SPOT Test

Wildfire

Forecast Start Time: 2015-07-29 7:00 PM PDT

Request Time: 2015-07-28 10:59 AM PDT

Forecast Complete At: 2015-07-28 11:04 AM PDT

Requested By: NWS

Contact: NWS

Phone: 5598568547

Fax:



Location Legal:

Lat/Lon: 37.8505 / -119.492

Quad:

Calculated: 37.8505 / -119.492



Elevation: 9356

Drainage:

Aspect:

Size:

Fuel Type:

Observations

Site	Date	Elev	Wind	Temp	WB	RH	Td	Sky	Wx	Rmks
------	------	------	------	------	----	----	----	-----	----	------

No observations available

Requested Parameters

Remarks

X X X X Sky/Weather
X X X X Max/Min Temperature
X X X X Max/Min Humidity
X X X X Wind (20 FT)
X X X X Surrounding Ridge Winds
X X X X Mixing Height
X X X X Transport Winds

Forecast:

FORECAST IS BASED ON REQUEST TIME OF 7:00 PM PDT ON JUL 29
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER
SERVICE.

.DISCUSSION...TEST...SPOT FORECAST LOOKS GREAT! HAVE A HAPPY DAY!

.TONIGHT...
SKY/WEATHER.....<>
TEMPERATURE.....<MIN xx>
HUMIDITY.....<MAX xx PCT>
WIND - 20 FOOT.....<xx MPH>
SURROUND RIDGE WIND.<xx MPH>
MIXING HEIGHT.....<xx FEET>

Forecast page example

A FEW NOTES...

Because this is an experimental page and may still have some bugs, if a forecaster does not get in touch with you within 5-10 min of your request submission, please call us and make sure we received it. (858) 675-8705 or (858) 675-8700 ext 281

If the new page fails to work, the old spot request page is still available to use. Any errors you encounter should be noted in the feedback form.

If there are any weather forecast element options you would like to see added (did you catch the eye-level winds???), e-mail stefanie.sullivan@noaa.gov

THE END!

For any questions about how to use the spot forecast page or its content, please contact
stefanie.sullivan@noaa.gov

To provide feedback on the page, go to <http://www.nws.noaa.gov/survey/nws-survey.php?code=SPOTWEBPAGE>

Thank you and enjoy the much anticipated new page!